# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L2 | 52 | (generat$4 near2 ((common or symmetric) key)) near9 ((based on) or from) adj (session key) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/06 12:50 |
| S1 | 2 | "5410602".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/07 11:58 |
| S3 | 915 | (generat$3 with ("common key" or "symmetric key") and ((encrypt$3 or cipher$3 or encipher$3) with "common key" or "symmetric key")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/07 12:02 |
| S5 | 915 | (generat$3 with ("common key" or "symmetric key") and ((encrypt$3 or cipher$3 or encipher$3) with "common key" or "symmetric key")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/07 12:04 |
| S11 | 25 | (((generat$3 with ("common key" or "symmetric key") and ((encrypt$3 or cipher$3 or encipher$3) with "common key" or "symmetric key")) and (wireless or "cell phone" or "mobile phone"))) and "session key" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/07 12:11 |
| S12 | 210 | (((generat$3 with ("common key" or "symmetric key") and ((encrypt$3 or cipher$3 or encipher$3) with "common key" or "symmetric key")) and (wireless or "cell phone" or "mobile phone"))) and @ad < "20010405" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/07 12:13 |
| S13 | 162 | (((generat$3 with ("common key" or "symmetric key") and ((encrypt$3 or cipher$3 or encipher$3) with "common key" or "symmetric key")) and (wireless or "cell phone" or "mobile phone"))) and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 12:03 |
| S14 | 1 | "810754" | EPO | OR | ON | 2004/09/08 11:29 |
| S15 | 225 | 380/255.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 12:27 |

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| S16 | 159 | 380/255.ccls. and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 12:27 |
|-----|-----|-------------------------------------|---------------------------------------------|----|----|-------------------|
| S17 | 0 | (380/255.ccls. and @ad < "20010105") and (((mobile adj switching adj center) or (mobile adj service adj centre) or (main adj switching adj centre) or MSC or (visiting adj center)) with ("common key" or "symmetric key")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 12:27 |
| S18 | 0 | (380/255.ccls. and @ad < "20010105") and ((mobile adj switching adj center) with "symmetric key") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 12:17 |
| S19 | 6 | (380/255.ccls. and @ad < "20010105") and (mobile adj switching adj center) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 12:26 |
| S20 | 0 | (380/255.ccls. and @ad < "20010105") and ((mobile adj switching adj center) with "common key") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 12:25 |
| S21 | 198 | 380/247.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 12:27 |
| S22 | 147 | 380/247.ccls. and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 15:53 |
| S25 | 10 | (380/247.ccls. and @ad < "20010105") and (("common key" or "symmetric key")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 15:44 |
| S26 | 147 | 380/247.ccls. and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 15:45 |

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|---|---|---|---|---|---|---|
| S28 | 0 | (380/247.ccls. and @ad < "20010105") and ("common key" with cellular) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 15:46 |
| S29 | 2 | (380/247.ccls. and @ad < "20010105") and ("common key" with mobile) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 15:51 |
| S30 | 0 | (380/247.ccls. and @ad < "20010105") and ("common key" with mobilephone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 15:52 |
| S31 | 16 | "common key" with wireless | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 16:01 |
| S32 | 4 | ("common key" with wireless) and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 08:57 |
| S33 | 1 | "common key" with "mobile equipment" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 16:36 |
| S34 | 0 | "symmetric key" with "mobile equipment" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 16:36 |
| S35 | 15 | "symmetric key" with "mobile" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 16:48 |
| S36 | 3 | ("symmetric key" with "mobile") and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 16:51 |
| S37 | 10 | "symmetric key" with "wireless" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 16:50 |

| S38 | 0 | ("symmetric key" with "wireless") and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 16:49 |
|---|---|---|---|---|---|---|
| S39 | 0 | "symmetric key" with cellphone | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 16:50 |
| S40 | 9 | "symmetric key" with cellular | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 16:51 |
| S42 | 0 | "symmetric key" with "mobile equipment" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/08 16:52 |
| S44 | 326 | ((provid$3 or send$3) with ("common key" or "symmetric key")) and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 09:44 |
| S45 | 169 | (((provid$3 or send$3) with ("common key" or "symmetric key")) and @ad < "20010105") and (wireless or $phone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 09:38 |
| S46 | 0 | (("mobile switching center") with (provid$3 near ("symmetric key" or DES or "common key"))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 09:42 |
| S47 | 4 | ((terminal) with (provid$3 near ("symmetric key" or DES or "common key"))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 09:45 |
| S48 | 3 | (((terminal) with (provid$3 near ("symmetric key" or DES or "common key")))) and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 09:46 |
| S49 | 23 | ((terminal) with (send$3 near ("symmetric key" or DES or "common key"))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 09:53 |

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| S50 | 10 | ((((terminal) with (send$3 near ("symmetric key" or DES or "common key")))) and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 09:54 |
|---|---|---|---|---|---|---|
| S53 | 143 | (((((generat$3 with ("common key" or "symmetric key"))) and @ad < "20010105") and (("common key" or "symmetric key") near8 (provid$3 or send$3))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 09:57 |
| S54 | 2 | ((((((generat$3 with ("common key" or "symmetric key"))) and @ad < "20010105") and (("common key" or "symmetric key") near8 (provid$3 or send$3)))) and MSC | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 09:59 |
| S55 | 4 | ((((((generat$3 with ("common key" or "symmetric key"))) and @ad < "20010105") and (("common key" or "symmetric key") near8 (provid$3 or send$3)))) and (mobile) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 10:04 |
| S56 | 19 | ((((((generat$3 with ("common key" or "symmetric key"))) and @ad < "20010105") and (("common key" or "symmetric key") near8 (provid$3 or send$3)))) and (cellular) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 10:20 |
| S58 | 121 | ("mobile switching center" and @ad < "20010105") and (secure with communication) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 10:37 |
| S59 | 37 | ("mobile switching center" and @ad < "20010105") and (secure adj communication) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 11:00 |
| S61 | 132 | "380"/$.ccls. and "mobile switching center" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 10:59 |
| S62 | 21 | ("380"/$.ccls. and "mobile switching center") and (secure adj communication) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 11:00 |
| S63 | 14 | (("380"/$.ccls. and "mobile switching center") and (secure adj communication)) and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 12:24 |

# EAST Search History

| S64 | 0 | ((("380"/$.ccls. and "mobile switching center") and (secure adj communication)) and @ad < "20010105") and ("common key" or "symmetric key") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 12:24 |
|-----|---|---|---|---|---|---|
| S65 | 16 | wireless with "common key" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 12:24 |
| S66 | 4 | (wireless with "common key") and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 14:40 |
| S67 | 0 | "mobile switching center" with (generat$3 near8 ("common key" or "symmetric key")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 12:54 |
| S68 | 42 | ((generat$3 near8 ("common key" or "symmetric key")) near (provid$3 or transmit$3 or dispatch$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 12:55 |
| S69 | 23 | (((generat$3 near8 ("common key" or "symmetric key")) near (provid$3 or transmit$3 or dispatch$3))) and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 12:56 |
| S70 | 4 | (wireless with "common key") and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/09 14:40 |
| S71 | 1 | ((wireless with "common key") and @ad < "20010105") and (device$ with receiv$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/10 08:46 |
| S74 | 317 | ((generat$3 near6 "session key") and @ad < "20010105") and ("session key" near6 (provid$3 or send$3 or transmit$3 or dispatch$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/10 08:49 |
| S75 | 68 | (((generat$3 near6 "session key") and @ad < "20010105") and ("session key" near6 (provid$3 or send$3 or transmit$3 or dispatch$3))) and wireless | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/10 08:50 |

| S76 | 9 | (((((generat$3 near6 "session key") and @ad < "20010105") and ("session key" near6 (provid$3 or send$3 or transmit$3 or dispatch$3))) and wireless) and (("common key" or "symmetric key") with (encrypt$4 or encypher$3 or cipher$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/10 09:32 |
|-----|-----|-----|-----|-----|-----|-----|
| S78 | 277 | "root key" and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/10 10:25 |
| S79 | 4 | ("root key" and @ad < "20010105") and ("root key" with "session key") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/10 10:23 |
| S80 | 173 | "session key" with ((encrypt$ or encipher$3 or cipher$3) near8 ("common key" or "symmetric key")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/10 10:25 |
| S81 | 81 | ("session key" with ((encrypt$ or encipher$3 or cipher$3) near8 ("common key" or "symmetric key"))) and @ad < "20010105" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/09/10 10:25 |
| S82 | 1 | "9882692" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/04 11:56 |
| S83 | 0 | jp-892521-$.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/04 11:57 |
| S84 | 1 | "00892521" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/04 12:01 |
| S85 | 383 | key distribution center | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/04 12:01 |

# EAST Search History

| S86 | 71 | key distribution center same (session key) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/04 12:02 |
|---|---|---|---|---|---|---|
| S87 | 8 | key distribution center same (session key) same ((common or symmetric) key) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/08/04 12:03 |
| S88 | 2 | "6757830".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/10/27 07:35 |
| S89 | 2 | "6772196".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/10/27 07:40 |
| S90 | 2 | "20030084322".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/10/27 07:40 |
| S91 | 2 | "5410602".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/12/23 14:16 |
| S92 | 1 | 09/034823 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/12/23 15:03 |
| S94 | 128 | kerberos same ((common or session) near2 key) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/12/23 15:04 |
| S95 | 25 | kerberos same ((common or session) near2 key) and (wireless near4 communicat$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/12/23 15:31 |
| S96 | 84 | kerberos same ((common or session) near2 key) same (encrypt$4 or enciper$4 or cipher$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/12/23 15:45 |

| S97 | 5 | (encrypt$4 or encipher$4 or cipher$4 or scrambl$4) same (communication or message) same ((common or symmetric) adj key) same ((first near4 second) near4 (users or phones)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/12/24 07:51 |
|-----|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----|-----|------------------|
| S98 | 2 | "5410602".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2005/12/24 07:51 |